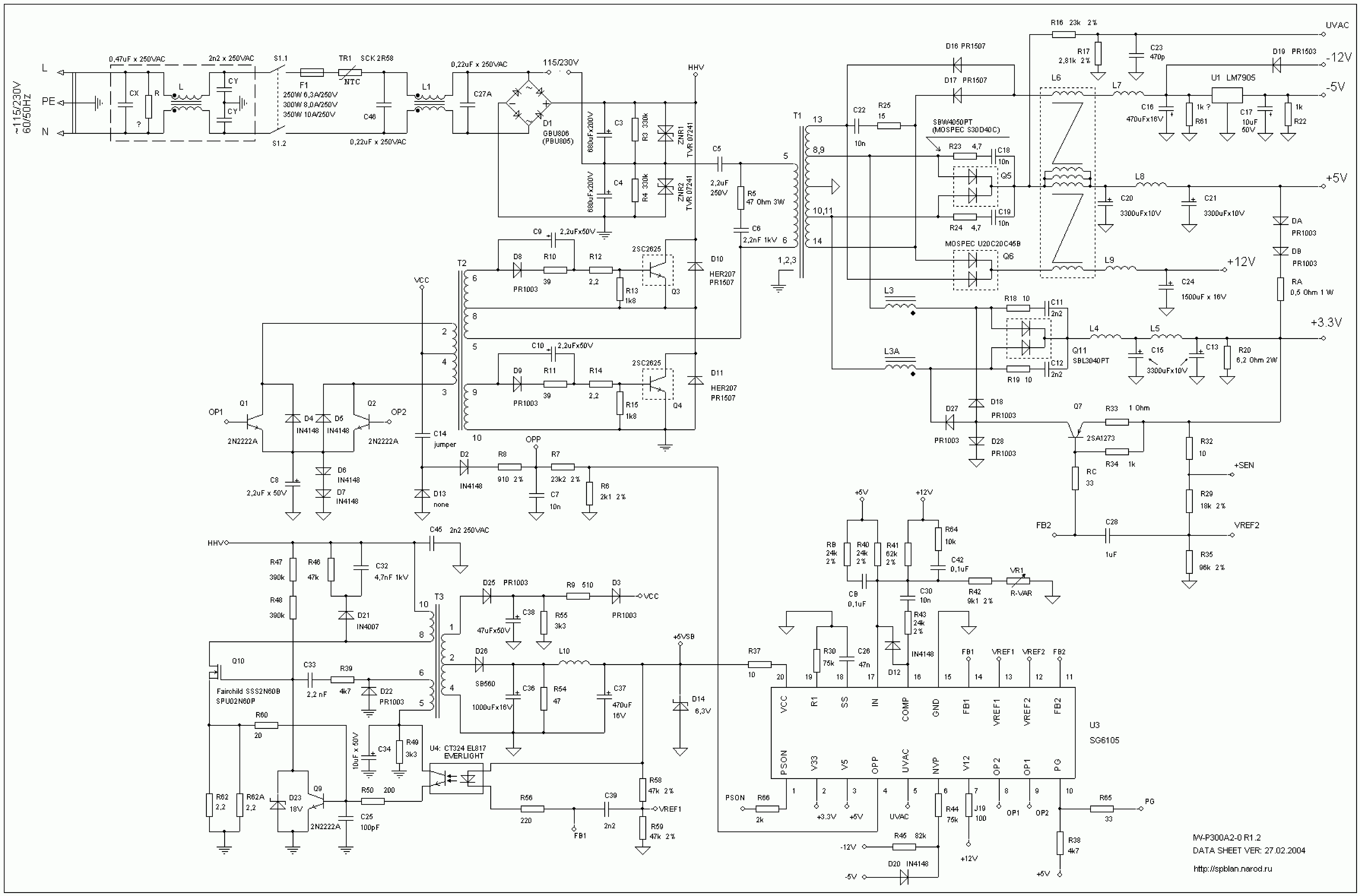


~115/230V
60/50Hz
L
PE
N
0,47uF x 250VAC
2n2 x 250VAC
CX
R
?
L
CY
CY
S1.1
S1.2
F1
TR1 SCK 2R58
NTC
250W 6,3A/250V
300W 8,0A/250V
350W 10A/250V
C46
0,22uF x 250VAC
0,22uF x 250VAC
L1
C27A
115/230V
D1
GBU806
(PBU805)
HHV
680uFx200V
C3
R3 330k
ZNR1
TVR 07241
680uFx200V
C4
R4 330k
ZNR2
TVR 07241
C5
2,2uF
250V
R5
47 Ohm 3W
C6
2,2nF 1kV
T1
13
8,9
5
10,11
14
6
1,2,3
C22
10n
R25
15
D16 PR1507
D17 PR1507
SBW4050PT
(MOSPEC S30D40C)
R23 4,7
C18
10n
Q5
R24 4,7
C19
10n
MOSPEC U20C20C45B
Q6
L6
R16 23k 2%
UVAC
R17
2,81k 2%
C23
470p
D19 PR1503
-12V
L7
U1 LM7905
-5V
C16
470uF16V
1k ?
R61
C17
10uF
50V
1k
R22
L8
+5V
C20
3300uFx10V
C21
3300uFx10V
DA
PR1003
DB
PR1003
RA
0,5 Ohm 1 W
L9
+12V
C24
1500uF x 16V
L3
L3A
R18 10
C11
2n2
Q11
SBL3040PT
R19 10
C12
2n2
L4
L5
+3.3V
C15
3300uFx10V
C13
R20
6,2 Ohm 2W
D27
PR1003
D18
PR1003
D28
PR1003
Q7
R33 1 Ohm
2SA1273
R34 1k
RC
33
R32
10
+SEN
R29
18k 2%
FB2
C28
1uF
VREF2
R35
96k 2%
C9 2,2uFx50V
D8
PR1003
R10
39
R12
2,2
R13
1k8
2SC2625
Q3
D10
HER207
PR1507
T2
6
8
2
5
4
3
9
10
VCC
C10 2,2uFx50V
D9
PR1003
R11
39
R14
2,2
R15
1k8
2SC2625
Q4
D11
HER207
PR1507
Q1
OP1
2N2222A
D4
IN4148
D5
IN4148
Q2
OP2
2N2222A
C8
2,2uF x 50V
D6
IN4148
D7
IN4148
C14
jumper
D2
IN4148
R8
910 2%
OPP
R7
23k2 2%
C7
10n
R6
2k1 2%
D13
none
HHV
R47
390k
R48
390k
R46
47k
C32
4,7nF 1kV
D21
IN4007
C45 2n2 250VAC
T3
10
8
1
2
6
4
5
D25 PR1003
C38
47uFx50V
R55
3k3
R9 510
D3
PR1003
VCC
Q10
Fairchild SSS2N60B
SPU02N60P
C33
2,2 nF
R39
4k7
D22
PR1003
D26
SB560
C36
1000uFx16V
R54
47
L10
C37
470uF
16V
+5VSB
D14
6,3V
R60
20
10uF x 50V
C34
R49
3k3
U4: CT324 EL817
EVERLIGHT
R62
2,2
R62A
2,2
D23
18V
Q9
2N2222A
R50 200
C25
100pF
R56
220
FB1
C39
2n2
R58
47k 2%
VREF1
R59
47k 2%
R37
10
+5V
+12V
RB
24k
2%
R40
24k
2%
R41
62k
2%
R64
10k
C42
0,1uF
CB
0,1uF
C30
10n
R42
9k1 2%
VR1
R-VAR
R43
24k
2%
R30
75k
C26
47n
D12
IN4148
FB1
VREF1
VREF2
FB2
20 19 18 17 16 15 14 13 12 11
VCC R1 SS IN COMP GND FB1 VREF1 VREF2 FB2
U3
SG6105
PSON V33 V5 OPP UVAC NVP V12 OP2 OP1 PG
1 2 3 4 5 6 7 8 9 10
PSON
R66
2k
+3.3V
+5V
UVAC
R44
75k
J19
100
+12V
OP1
OP2
R65
33
PG
R38
4k7
+5V
-12V
R45 82k
-5V
D20 IN4148
IW-P300A2-0 R1.2
DATA SHEET VER: 27.02.2004
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